Appendix A:
Priority Stormwater Mitigation Sites
Listing of viable mitigation sites by mitigation area

Coal Creek Mitigation Area

Potential Mitigation Needs:
Stormwater: 5.9 acre-feet of storage required
Wetland: Maximum impacts - 0.2 acres; estimate of need with ratios - 0.3-0.6 acres
Riparian: None

ID_NUM	TYPE	ACRES	LOC_JUR	ENV_BEN	PROXIMITY	SECTOR	MIT_POT	NOTES	AT_RISK	LOC_PRIOR	PUB_LAND	COST	MITAREA	W_FUNC	W_RES	W_CRE	W_ENH	W_PRE	W_METHOD	R_PLANT	R_COST	R_TEMP	R_LWD	R_R/D	R_NUT	R_SED
SW27	stormwater	102.9	Bellevue	2.0	2.0	1.0	2.0		N	Y	Y	0.0	Coal Creek													
SW21	stormwater	125.4	Bellevue, Newcastle	1.0	2.0	3.0	2.0		Y	Y	N	0.0	Coal Creek													
SW26	stormwater	230.6	Bellevue, King County	1.0	2.0	3.0	2.0		N	N	N	0.0	Coal Creek													
R53	riparian	2.9	King County	2.0	1.0	4.0	2.0	field checked good	Y	Y	Y	0.0	Coal Creek									L	M	N	M	M
R50	riparian	2.9	Newcastle, King County	2.0	1.0	4.0	2.0	field checked good	N	N	Y	0.0	Coal Creek									M	H	N	M	M
R52	riparian	0.7	King County	2.0	1.0	4.0	2.0	cleared area near golf course, field checked good	N	N	Y	0.0	Coal Creek									H	H	N	H	H

Lakehurst/Lake Washington Mitigation Area

Potential Mitigation Needs:
Stormwater: 27.3 acre-feet of storage required
Wetland: Maximum impacts - 5.8 acres; estimate of need with ratios - 11-17.5 acres
Riparian: Maximum impacts - 2.1 acres; estimate of need - 1 acre

ID_NUM	TYPE	ACRES	LOC_JUR	ENV_BEN	PROXIMITY	SECTOR	MIT_POT	NOTES	AT_RISK	LOC_PRIOR	PUB_LAND	COST	MITAREA	W_FUNC	W_RES	W_CRE	W_ENH	W_PRE	W_METHOD	R_PLANT	R_COST	R_TEMP	R_LWD	R_R/D	R_NUT	R_SED
W41	wetland	20.7	Renton	8.0	2.0	1.0	4.0	good PFO, with some homes	Y	N	Y	2593000.0	Lakehurst, May Creek	wild hab	2		2	15	re fil/excavate							
R33	riparian	0.8	Renton	2.0	2.0	3.0	1.0	owned by Fawcett, wetland	Y	N	N	2593000.0	Lakehurst, May Creek													
W43	wetland	1.7	Renton	5.0	2.0	3.0	3.0	connect 43 & 47	N	N	N	346000.0	Lakehurst	wild hab	1			2	remove fill							
W47	wetland	1.6	Renton	4.0	2.0	3.0	2.0	connect 43 & 47	N	N	N	1604000.0	Lakehurst	wild hab	1			2	remove fill							
W16	wetland	0.9	Bellevue	5.0	2.0	3.0	5.0		N	N	N	975000.0	Lakehurst	flood storag	2	2	2		re fil/excavate							
R57	riparian	1.7	Newcastle, Renton	2.0	2.0	3.0	1.0	cleared area	N	N	N	125000.0	Lakehurst									H	H		H	H

May Creek Mitigation Area

Potential Mitigation Needs:
Stormwater: 100.4 acre-feet of storage required
Wetland: Maximum impacts - 1.3 acres; estimate of need with ratios - 2-4 acres
Riparian: Maximum impacts - 0.7 acres; estimate of need - 0.5 acre

ID_NUM	TYPE	ACRES	LOC_JUR	ENV_BEN	PROXIMITY	SECTOR	MIT_POT	NOTES	AT_RISK	LOC_PRIOR	PUB_LAND	COST	MITAREA	W_FUNC	W_RES	W_CRE	W_ENH	W_PRE	W_METHOD	R_PLANT	R_COST	R_TEMP	R_LWD	R_R/D	R_NUT	R_SED
R89	riparian	11.2	Renton, King County	4.0	2.0	1.0	3.0	low density residential riparian field checked; good low density residential KC LUA proposed	Y	Y	Y	$62,000	May Creek									H	H	MAB	H	H
R41	riparian	16.0	Newcastle	4.0	2.0	1.0	3.0	riparian field checked good- ag/open space good PFO with a few homes	Y	Y	N	########	May Creek									H	H	MAB	H	H
W41	wetland	20.7	Renton	8.0	2.0	1.0	4.0		Y	N	Y	########	Lakehurst, May Creek	wildlife hab	2		2	15	remove homes							
W44	wetland	5.0	Newcastle	7.0	2.0	1.0	3.0		Y	N	Y	$929,000	May Creek	Flood, wild	1	1			re fill/ homes							
W53	wetland	9.9	Newcastle	9.0	2.0	1.0	5.0	may be drain tiles	Y	N	N	$390,000	May Creek	Flood, wild hab, WQ		2	2		re tiles or fill. Dam?							
W67	wetland	7.3	Renton, King County	9.0	2.0	1.0	5.0		Y	N	N	$0	May Creek	wild hab	2	5	4		re fill							
W68	wetland	6.1	King County	9.0	2.0	1.0	5.0		Y	N	N	$554,000	May Creek	wild hab	1	2	4		re fill							
R35	riparian	3.3	Newcastle	4.0	2.0	1.0	4.0	riparian field checked; provisional good nearby const. on hillside	Y	N	N	$230,000	May Creek									H	M		H	H
R8	riparian	1.9	King County	4.0	2.0	1.0	4.0		Y	N	N	$465,000	May Creek									M	H		M	M
R36	riparian	1.5	Newcastle	4.0	2.0	1.0	4.0	riparian field checked provisional good	Y	N	N	$79,000	May Creek									H	H		H	H
R7	riparian	1.5	King County	4.0	2.0	1.0	4.0		Y	N	N	$465,000	May Creek									H	M		H	H

R99	riparian	5.0	Newcastle	5.0	2.0	1.0	3.0	riparian field checked good-little recharge potential	N	Y	N	$947,000	May Creek									L	M	MB	L	L
R73	riparian	4.9	King County	4.0	1.0	2.0	4.0		Y	N	Y	$909,000	May Creek									H	H		H	H
W73	wetland	181.8	King County	10.0	1.0	2.0	5.0		Y	N	N	########	May Creek	food, wild h	3	3?	100		re fill/excavate							
R76	riparian	5.5	King County	4.0	1.0	2.0	4.0		Y	N	N	$533,685	May Creek									M	M		M	M
R40	riparian	7.8	Newcastle	2.0	2.0	3.0	1.0	Lake Boren Park field checked good- Lake Boren Park partly forested	Y	Y	Y	$349,000	May Creek									L	L		L	L
W29	wetland	2.8	Newcastle	6.0	2.0	3.0	3.0		Y	Y	N	$660,000	May Creek	wild hab, fl	1		3		re fill/excavate (2ft)							
R39	riparian	1.1	Newcastle	2.5	2.0	3.0	1.5	riparian field checked good- open space long corridor still open space	Y	N	Y	$351,000	May Creek									L	M		L	L
W95	wetland	23.9	King County	6.0	2.0	3.0	4.0		Y	N	N	########	Cedar River, May Creek	flood, wild	20		30		re fill- 5ft							
W62	wetland	10.7	Newcastle, King County	5.0	2.0	3.0	3.0		Y	N	N	########	May Creek													
W45	wetland	7.0	Renton	6.0	2.0	3.0	2.0		Y	N	N	$497,000	May Creek	wild hab, fl	3	2	1		re fill/ businesses (2ft)							
R75	riparian	49.1	King County	3.0	2.0	3.0	3.0	riparian field checked good	Y	N	N	########	May Creek									H	H	MB	H	H
R34	riparian	2.3	Renton	3.0	2.0	3.0	3.0	riparian field checked provisional good const. activity nearby	Y	N	N	$1,000	May Creek									H	L		H	H
R42	riparian	2.3	King County	2.5	2.0	3.0	1.5	riparian field checked good ag	Y	N	N	$344,000	May Creek									L	M	LA	L	L
R6	riparian	1.3	King County	3.0	2.0	3.0	3.0	partly forested	Y	N	N	$445,000	May Creek									M	M		M	M
SW12	stormwater	103.4	Renton, King County	1.0	2.0	3.0	2.0		Y	N	N	$0	May Creek													
R38	riparian	0.8	Newcastle	2.0	2.0	3.0	1.0		N	Y	Y	$456,000	May Creek													
R37	riparian	1.6	Newcastle	2.0	2.0	3.0	2.0	riparian field checked provisional good const. activity nearby	N	N	N	$392,000	May Creek									L	M		L	L
R79	riparian	73.1	King County	3.0	1.0	4.0	3.0	Long corridor	Y	Y	N	########	May Creek									H	H	MA	H	H
W113	wetland	4.2	King County	6.0	1.0	4.0	5.0	existing forest	Y	N	N	$401,000	May Creek	flood, wild hab, WQ		5	1		clear/excavate							
W107	wetland	2.2	King County	6.0	1.0	4.0	5.0	open field	Y	N	N	$700,000	May Creek	flood, wild hab		3			excavate/ maybe dam							
R78	riparian	60.8	King County	3.0	1.0	4.0	3.0	Riparian field checked good; long corridor	Y	N	N	########	May Creek									H	H	MA	H	H

Kennydale Mitigation Area

Potential Mitigation Needs:
Stormwater: None feasible
Wetland: Maximum impacts - 0.03 acres; estimate of need with ratios - 0.1-0.3 acres
Riparian: None

ID_NUM	TYPE	ACRES	LOC_JUR	ENV_BEN	PROXIMITY	SECTOR	MIT_POT	NOTES	AT_RISK	LOC_PRIOR	PUB_LAND	COST	MITAREA	W_FUNC	W_RES	W_CRE	W_ENH	W_PRE	W_METHOD	R_PLANT	R_COST	R_TEMP	R_LWD	R_R/D	R_NUT	R_SED
W75	wetland	2.7	Renton	8.0	2.0	1.0	5.0		N	N	N	$275,000	Kennydale	rare hab/pla	3				Disable tile/reveg							
R55	riparian	1.4	Renton, King County	2.5	2.0	3.0	2.5	lakeshore	N	N	N	########	Kennydale									M	L		M	M

North Renton/John's Creek Mitigation Area

Potential Mitigation Needs:
Stormwater: 41.8 acre-feet of storage required
Wetland: Maximum impacts - 0.004 acres; estimate of need with ratios - minimal
Riparian: Maximum impacts - 2.6 acres; estimate of need - 1 acre

ID_NUM	TYPE	ACRES	LOC_JUR	ENV_BEN	PROXIMITY	SECTOR	MIT_POT	NOTES	AT_RISK	LOC_PRIOR	PUB_LAND	COST	MITAREA	W_FUNC	W_RES	W_CRE	W_ENH	W_PRE	W_METHOD	R_PLANT	R_COST	R_TEMP	R_LWD	R_R/D	R_NUT	R_SED
SW9	stormwater	156.8	Renton	1.0	2.0	3.0	3.0		N	N	N	0.0	North Renton													

Cedar River Mitigation Area

Potential Mitigation Needs:
Stormwater: 8.7 acre-feet of storage required
Wetland: None
Riparian: Maximum impacts - 0.4 acres; estimate of need - 0.2 acres

Priority Stormwater Mitigation Sites (11/30/03)

ID_NUM	TYPE	ACRES	LOC_JUR	ENV_BEN	PROXIMITY	SECTOR	MIT_POT	NOTES	AT_RISK	LOC_PRIOR	PUB_LAND	COST	MITAREA	W_FUNC	W_RES	W_CRE	W_ENH	W_PRE	W_METHOD	R_PLANT	R_COST	R_TEMP	R_LWD	R_R/D	R_NUT	R_SED
W114	wetland	0.8	Renton	7.0	2.0	1.0	5.0		N	N	N	$515,000	Cedar River	wild hab, W	1		1		remove fill							
W95	wetland	23.9	King County	6.0	2.0	3.0	4.0		Y	N	N	########	Cedar River, May Creek	wild hab, W	20		20		remove fill (5ft)							
W220	wetland	194.3	King County	6.0	2.0	3.0	2.0	high quality PFO	N	N	Y	$976,000	Cedar River, WRIAs 8 & 9					194								
R11	riparian	27.0	Renton	2.0	2.0	3.0	1.0	two tribs on hydro layer diverted Riparian field checked, good	N	N	Y	########	Cedar River									H	H		H	H
R10	riparian	5.5	Renton	2.0	2.0	3.0	2.0	Riparian field checked, good cedar river park	N	N	Y	########	Cedar River									H	M		H	H
R14	riparian	4.5	Renton	3.5	2.0	3.0	1.5	Riparian field checked, good	N	N	Y	$26,000	Cedar River									M	M	HB	M	M
R13	riparian	1.4	Renton	3.0	2.0	3.0	1.0	Riparian field checked, good	N	N	Y	$26,000	Cedar River									L	M	HB	L	L
SW3	stormwater	159.7	Renton, King County	1.0	2.0	3.0	2.0		N	N	Y	$66,000	Cedar River													
SW2	stormwater	62.2	King County	1.0	2.0	3.0	1.0		N	N	Y	$258,000	Cedar River													
W119	wetland	2.6	Renton	6.0	2.0	3.0	5.0	quarry	N	N	N	$142,000	Cedar River	flood storage, wild hab		3	1		excavate -50ft							
R1	riparian	1.6	Renton	3.0	2.0	3.0	3.0	no channel	N	N	N	$221,000	Cedar River									L	L		L	L
R70	riparian	1.4	Renton	2.0	2.0	3.0	1.0		N	N	N	########	Cedar River									L	L		L	L
R2	riparian	0.6	Renton	2.0	2.0	3.0	2.0		N	N	N	$122,000	Cedar River													
SW5	stormwater	264.6	Renton	1.0	2.0	3.0	2.0		N	N	N	$982,000	Cedar River													

Metadata for Wetland and Riparian field notes (last 13 columns)

Wetland:

W_FUNC	New or improved functions that could be gained by restoring this site
W_RES	How many acres would need to be restored?
W_CRE	How many acres would need to be created?
W_ENH	How many acres would need to be enhanced?
W_PRE	How many acres would need to be preserved?
W_METHOD	What mitigation method would be used?

Riparian:

R_PLANT	Estimate of planting cost per acre
R_COST	Property value plus cost per acre
R_TEMP	Value of restoration project for increasing temperature and shade: H - High restoration value, most or all forested vegetation cleared within 33 meter buffer M - Moderate restoration value, <= 50% forested vegetation cleared within 67 meter buffer L - Low restoration value, majority of 33 meter buffer is forested
R_LWD	Value of restoration project for Large Woody Debris Recruitment H - High restoration value, most or all forested vegetation cleared within 67 meter buffer M - Moderate restoration value, <= 50% forested vegetation cleared within 67 meter buffer L - Low restoration value, majority of 67 meter buffer is forested
R_R/D	Value of restoration project for enhancing groundwater recharge and reducing discharge H - High restoration value, a majority of riparian polygon overlaps with type a or b soil groups M - Moderate restoration value, a significant portion (but less than 50%) of riparian polygon overlaps with type a or b soil groups L - Low restoration value, a small amount (<10%) of riparian polygon overlaps with type a or b soil groups N - No overlap with type a or b soil groups Soil notes: "A," "B," or "AB" in the fields indicate the presence of the specific soil groups within the listed polygon
R_NUT	Value of restoration project for treating nutrient H - High restoration value, vegetated buffer immediately adjacent to stream channel is absent M - Moderate restoration value, vegetated buffer immediately adjacent to stream channel is present but fragmented L - Low restoration value, vegetated buffer immediately adjacent to stream channel is present throughout a majority of the site
R_SED	Value of restoration project for treating sediment H - High restoration value, vegetated buffer immediately adjacent to stream channel is absent M - Moderate restoration value, vegetated buffer immediately adjacent to stream channel is present but fragmented L - Low restoration value, vegetated buffer immediately adjacent to stream channel is present throughout a majority of the site